



NETGEAR®

Everybody's connecting.™

USB Fast Ethernet Adapter 10/100 Mbps FA101



Installation Guide



NETGEAR®

NETGEAR, Inc.

Support Information
Phone: 1-888-NETGEAR
E-mail: support@NETGEAR.com
www.NETGEAR.com

See Support Information Card for additional phone numbers.

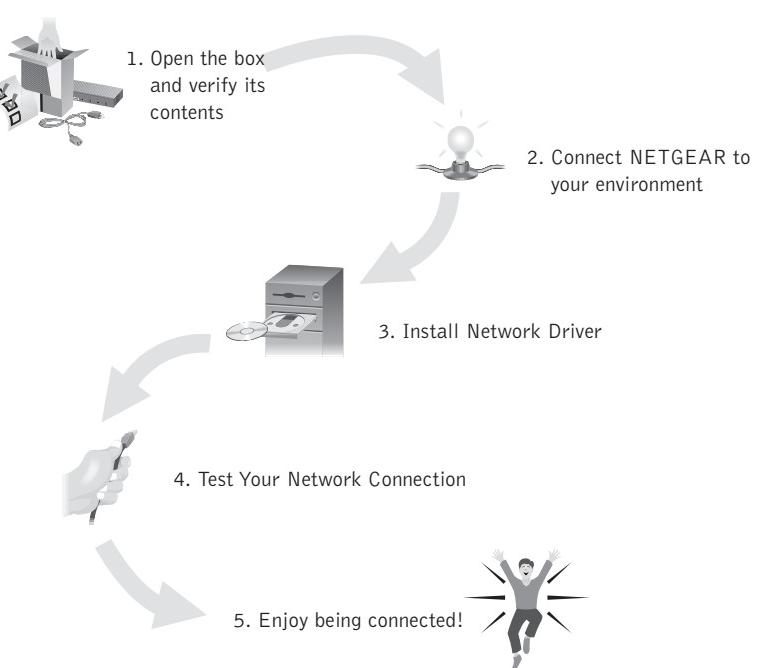
Internet / World Wide Web

Go to <http://www.NETGEAR.com> for the NETGEAR Web page.
Defective or damaged merchandise can be returned to your point-of-sale representative.

IMPORTANT!

Please register online. YOU MUST REGISTER TO OBTAIN TECHNICAL SUPPORT. PLEASE RETAIN PROOF OF PURCHASE and this warranty information. To register your product, get product support, or to obtain product information and NETGEAR product documentation, direct your Web browser to the <http://www.NETGEAR.com> Web page.

START HERE



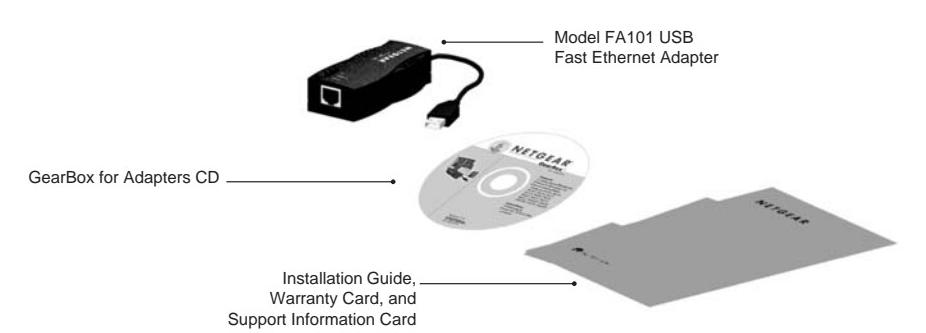
As a last step, be sure to register your Adapter at <http://www.NETGEAR.com>.

Plan Your Time

Estimated setup time for this product is only **0:10** minutes.

1 VERIFY PACKAGE CONTENTS

Unpack the contents of the package and make sure that you have everything.



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2 CONNECT NETGEAR TO YOUR ENVIRONMENT

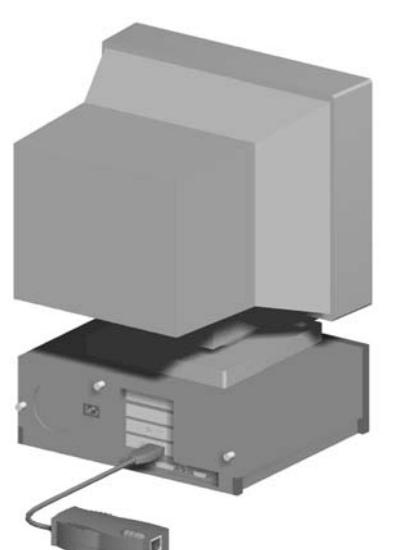
The Model FA101 USB Fast Ethernet Adapter is hot swappable, which means it can be inserted into a PC that is either turned off or powered on.

Note: For Windows XP or Windows 2000, you must log into the system with administrative rights before installing the hardware.

1. Insert the Model FA101 USB Fast Ethernet Adapter into the USB (Universal Serial Bus) slot as shown in the illustration below.

Some PCs have two USB ports. The Model FA101 USB Fast Ethernet Adapter can be inserted into either port.

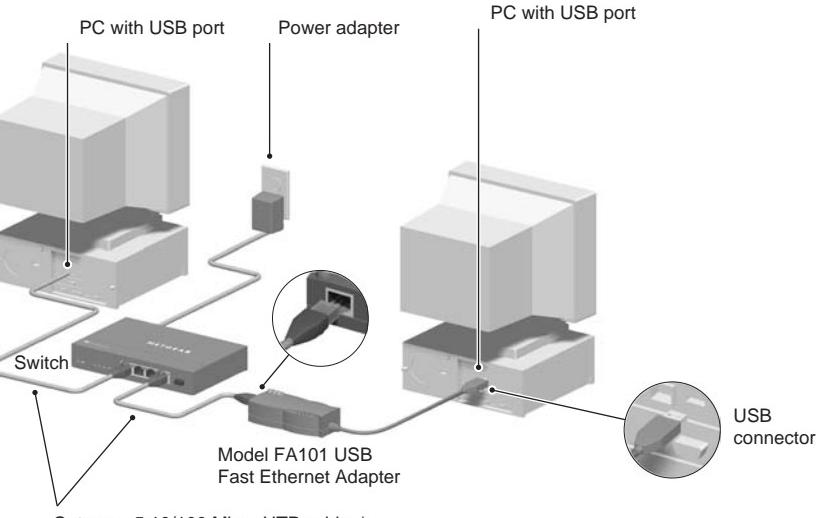
2. Turn on power to the PC, if you have chosen to install the adapter with the power turned off.



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Connect the Network Cables

Using the appropriate cable, connect the port on a network hub or switch to the RJ-45 port on the USB device. The port on the USB device performs autonegotiation and supports full-duplex operation.



*Use a Category 3 or 5 UTP cable.
Maximum length = 100 meters (300 feet)

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Install the Windows 2000 Network Driver

Note: You need to first physically install the card before installing the network driver. Although the screens on your system may look different than those shown in these instructions, you should be prompted for the same information. If you are not prompted for the same information, refer to your Microsoft documentation.

Note: If the "Insert Disk" window opens and a message prompts you to insert your Windows CD-ROM at any time during the installation process, insert the Windows CD-ROM in Drive D (the CD-ROM drive) and click on "OK". Then follow the next step in the instructions.

1. A Found New Hardware Wizard dialog box will appear, indicating that Windows 2000 has found the adapter. Insert the GearBox for Adapters CD into your CD-ROM drive.

2. Click "Next".



3. The install hardware device drivers dialog box will appear. Select "Search for a suitable driver for your device (Recommended)". Click "Next".



4. The Locate Driver Files dialog box will appear. Select "CD-ROM drives". Click "Next".



5. The Driver File Search dialog box will appear. Click "Next".



6. Digital Signature Not Found dialog box may appear. Click "Yes".



7. Remove the GearBox for Adapters CD from the CD-ROM drive.
The Model FA101 Adapter driver installation for Windows 2000 is now complete.

July 2002



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Install the Windows Me Network Driver

- Note:** You need to first physically install the card before installing the network driver. Although the screens on your system may look different than those shown in these instructions, you should be prompted for the same information. If you are not prompted for the same information, refer to your Microsoft documentation.
- Note:** If the "Insert Disk" window opens and a message prompts you to insert your Windows CD-ROM at any time during the installation process, insert the Windows CD-ROM in Drive D (the CD-ROM drive) and click on "OK". Then follow the next step in the instructions.
- Windows Me will automatically detect the new FA101 USB Fast Ethernet hardware. Insert the GearBox for Adapters CD into your CD-ROM drive.
 - When the following dialog box opens, select "Automatic search for a better driver (Recommended)". Click "Next".



- The driver is copied onto your system. The next Windows appears with the following adapter name: NETGEAR FA101 USB Fast Ethernet Adapter. Click "Finish".



- Once the driver is installed, Windows Me will ask if you want to restart your PC. Remove the GearBox for Adapters CD from the CD-ROM drive and click "Yes" to reboot.
- The Model FA101 Adapter driver installation for Windows Me is now complete.

Install the Windows 98 Network Driver

- Note:** You need to first physically install the card before installing the network driver. Although the screens on your system may look different than those shown in these instructions, you should be prompted for the same information. If you are not prompted for the same information, refer to your Microsoft documentation.
- Note:** If the "Insert Disk" window opens and a message prompts you to insert your Windows CD-ROM at any time during the installation process, insert the Windows CD-ROM in Drive D (the CD-ROM drive) and click on "OK". Then follow the next step in the instructions.

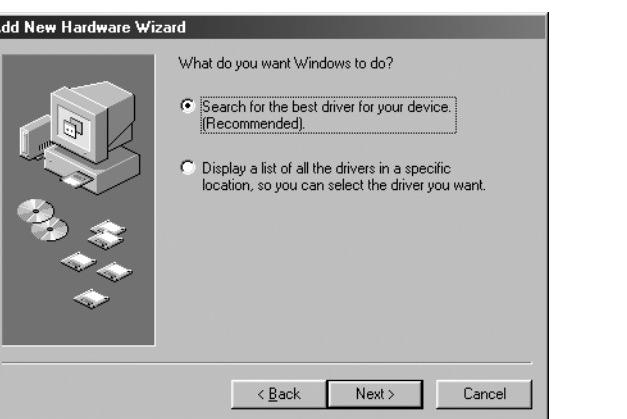
- Windows 98 will automatically detect the new FA101 USB Fast Ethernet hardware and opens a Found New Hardware Wizard dialog boxes. Insert the GearBox for Adapters CD into your CD-ROM drive.

2. Click "Next".



- When the following dialog box opens, select "Search for the best driver for your device (Recommended)". Click "Next".

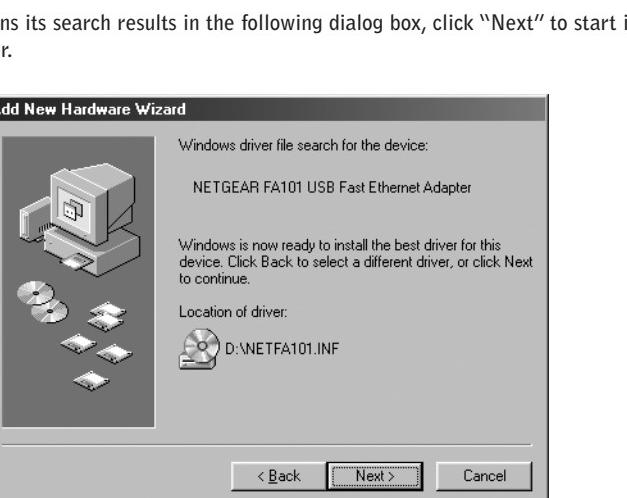
3. When the following dialog box opens, select "Search for the best driver for your device (Recommended)". Click "Next".



- When the next dialog box opens, check the "CD-ROM drive". Click "Next".



- The driver is copied onto your system. The next Windows appears with the following adapter name: NETGEAR FA101 USB Fast Ethernet Adapter. Click "Finish".

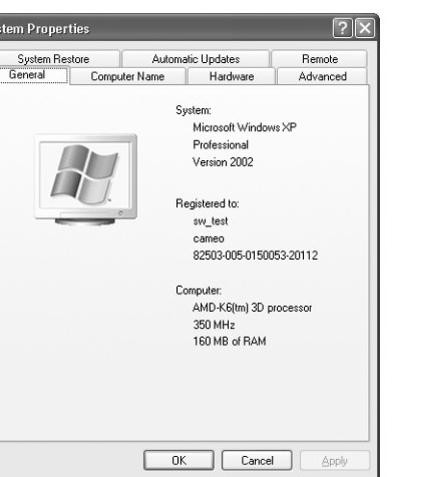


- Once the driver is installed, Windows 98 will ask if you want to restart your PC. Remove the GearBox for Adapters CD from the CD-ROM drive and click "Yes" to reboot.
- The Model FA101 Adapter driver installation for Windows 98 is now complete.

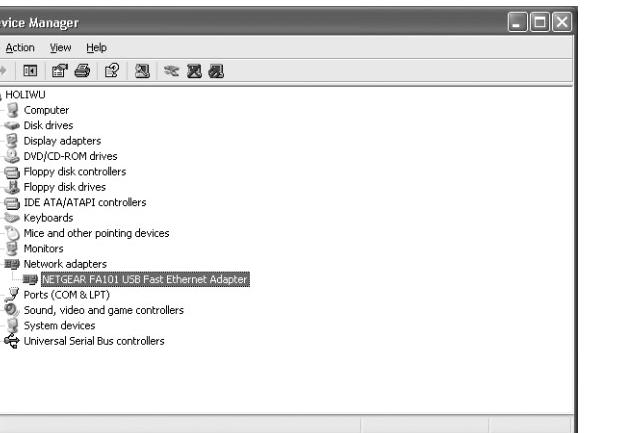
4 TEST YOUR NETWORK CONNECTION

To verify your installation (this example uses Windows XP, but the process is similar for the other Windows OS):

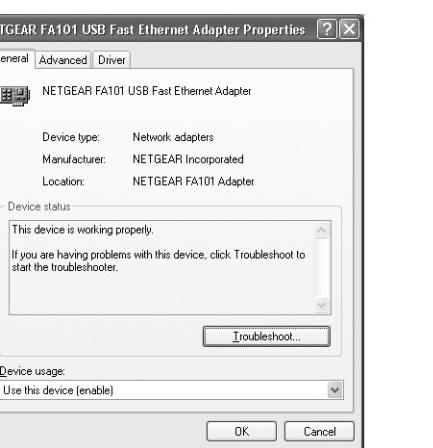
- Double-click "My Computer" on the desktop, click "Control Panel" and then double-click "System".



- Click "Hardware" and click "Device Manager" tab, then double-click "Network adapters".



- Double-click "NETGEAR FA101 USB Fast Ethernet Adapter". A message will appear describing the status of the device.



If there is a problem with the installation of the driver, an exclamation point will appear next to the "NETGEAR FA101 USB Fast Ethernet Adapter". Try rebooting your computer. If the problem persists, call 1-888-NETGEAR for technical support.

TECHNICAL SPECIFICATIONS

Properties:	FA101 USB Fast Ethernet Adapter:
Standards Compatibility	IEEE 802.3u Fast Ethernet IEEE 802.3 Ethernet IEEE 802.3u Auto Negotiation
Interface Options	RJ-45 connector
USB Compatibility	USB Ver 1.1
Power Consumption	0.8 W
Physical Specifications	
Dimensions	92 x 42 x 28 mm
Weight	0.14 lb (63 g)
Environmental Specifications	
Operating temperature	0 to 45° C
Operating humidity	10% to 90% noncondensing
Agency Compliance	CE mark, FCC, Part 15, Class B EN 55 022 (CISPR 22), Class B Canada ICES-003, Class B VCCI Class B

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Statement of Conditions

In the interest of improving internal design, operational function, and/or reliability, NETGEAR reserves the right to make changes to the products described in this document without notice. NETGEAR does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Certificate of the Manufacturer/Importer

It is hereby certified that the Model FA101 USB Fast Ethernet Adapter has been suppressed in accordance with the conditions set out in the BMP-T-AmtsblVfg 243/1991 and Vfg 46/1992. The operation of some equipment (for example, test transmitters) in accordance with the regulations may, however, be subject to certain restrictions. Please refer to the notes in the operating instructions.

Federal Office for Telecommunications Approvals has been notified of the placing of this equipment on the market and has been granted the right to test the series for compliance with the regulations.

VCCI Statement

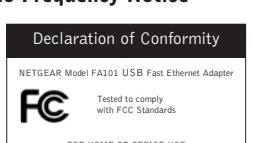
This equipment is in the Class B category (information equipment to be used in a residential area or an adjacent area thereto) and conforms to the standards set by the Voluntary Control Council for Interference by Data Processing Equipment and Electronic Office Machines aimed at preventing radio interference in such residential areas.

When used near a radio or TV receiver, it may become the cause of radio interference.
Read instructions for correct handling.

Federal Communications Commission (FCC) Compliance Notice: Radio Frequency Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.



Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna, (2) Increase the separation between the equipment and receiver, (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected, (4) Consult the dealer or an experienced radio/TV technician for help.

EN 55 022 Statement

This is to certify that the Model FA101 USB Fast Ethernet Adapter is shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC, Article 4a. Conformity is declared by the application of EN 55 022 Class B (CISPR 22).

Compliance is dependent upon the use of shielded data cables.

Canadian Department of Communications Radio Interference Regulations

This digital apparatus (Model FA101 USB Fast Ethernet Adapter) does not exceed the Class B limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Règlement sur le brouillage radioélectrique du ministère des Communications

Cet appareil numérique (Model FA101 USB Fast Ethernet Adapter) respecte les limites de bruits radioélectriques visant les appareils numériques de classe B prescrits dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.